

Summary Report of Occurrences Reviewed From August 17 – 21, 2009

Summary: 28 occurrences at 13 sites reviewed during this period.

Significant Occurrences (1)

Injuries – 1 occurrence at 1 site

- **EM – Savannah River Site (Significance Category 3).** On August 18, while installing a leak collection rig on an installed hot tap, three Area Completion Projects - Deactivation & Decommissioning workers came in contact with 64 percent nitric acid when the internals of the stainless steel hot tap failed, providing a path for acid to spill out of the nitric acid pipe. Emergency response assistance was immediately requested and emergency responders arrived at the scene within 7 minutes. The three exposed workers went to a safety shower and were then dispatched to Doctors Hospital. Two of the workers were hospitalized with chemical burns and then released following an evaluation, while the third worker will require additional treatment for a burned arm. Four other workers were dispatched to N-Area Medical for precautionary reasons. The area around the spill was barricaded and the area fence was secured for 221-1F. Work associated with line draining at 221-1F was stopped until a path forward can be developed including the spill area response. A fact-finding meeting was conducted.

Other Occurrences (27). See Table (Note: The Table includes the occurrences listed above).

Occurrence Category	Number of Occurrences				Number of Sites
	E&E	NNSA	SC	DOE Total	
Injury - Industrial Hygiene/Occupational Safety	2	0	0	2	2
Near Miss	1	1	0	2	2
Authorization Basis	2	4	0	6	3
Radiological Concerns	1	3	0	4	2
Environmental	0	0	0	0	0
Fire Safety	0	2	0	2	2
Shipping/Quality Assurance	0	1	0	1	1
Criticality Concerns	1	0	0	1	1
Industrial Operations	0	0	0	0	0
Conduct of Operations	1	1	0	2	2
Electrical Safety	0	0	0	0	0
Vehicle Accident	0	0	0	0	0
Equipment Failures	1	1	0	2	2
Safeguards and Security	0	0	0	0	0
Suspect & Counterfeit Parts	2	3	1	6	5
Other	0	0	0	0	0
Total	11	16	1	28	

Secretarial Office Summary

National Nuclear Security Administration	16 occurrences	(5 sites)
Office of Environmental Management	11 occurrences	(7 sites)
Office of Science	1 occurrence	(1 site)